

## Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	How many neutrons are there in the nuclide $Zn^{66}$ ?	A. 22 B. 30 C. 36 D. 66
2	The magnetic flux will be max, For an angle of:	A. $0^\circ$ B. $60^\circ$ C. $90^\circ$ D. $180^\circ$
3	The following gas was identified in the sun using spectroscopy	A. Hydrogen B. Helium C. Carbon D. Nitrogen
4	The first spectral lines were discovered in 1885, were	A. Paschen series B. Balmer series C. Pfund series D. Bracket series
5	The process of copying is:	A. Axillugraphy B. Chromatography C. Xerography D. Spectrography
6	Platinum wire becomes yellow at a temperature of.	A. $900^\circ C$ B. $1300^\circ C$ C. $1600^\circ C$ D. $500^\circ C$
7	Which of the following are not hadrons.	A. Muons B. Mesons C. Positrons D. Neutrons
8	A wire uniform cross-section. A length L and resistance R is cut into two equal parts. The resistivity of each part will be:	A. Doubled B. Halved C. Remain the same D. One fourth
9	The physical quantity related to photon, that does not change in Compton scattering is.	A. Energy B. Speed C. Frequency D. Wavelength
10	The domain theory of magnet is important to explain the behaviour of	A. Diamagnets B. Paramagnets C. Ferromagnets D. All of these
11	If force in the direction of velocity of conductor, then induced current is directed,	A. Anti clockwise B. Clock wise C. At equilibrium D. None of above
12	The SI unit of magnetic induction 'B' Tesla is equal to.	A. $NA^{-1}m^{-1}$ B. $Nam^{-1}$ C. $NA^{-1}m$ D. $Na2m^{-1}$
13	Charge on electron is	A. $1.6 \times 10^{-19} C$ B. $1.6 \times 10^{19} C$ C. $1.6 \times 10^{-17} C$ D. $1.6 \times 10^{17} C$
14	The negative of the potential gradient is	A. Electrostatic force B. Electromotive force

		<p>C. Potential difference</p> <p>D. Electric field intensity</p>
15	One electron volt is equal to.	<p>A. <math>1.6 \times 10^{-19}</math> Joule</p> <p>B. <math>1.6 \times 10^{-19}</math> Coulomb</p> <p>C. <math>1.6 \times 10^{-12}</math> N</p> <p>D. <math>1.6 \times 10^{18}</math> Joule</p>
16	Balmer series lies in region of electromagnetic spectrum.	<p>A. Infrared</p> <p>B. Visible</p> <p>C. Ultraviolet</p> <p>D. Fra infrared</p>
17	Energy produced due to fission of uranium atom is:	<p>A. 500MeV</p> <p>B. 200MeV</p> <p>C. 700MeV</p> <p>D. 750MEV</p>
18	Maximum Compton shift is observed at.	<p>A. <math>30^\circ</math></p> <p>B. <math>90^\circ</math></p> <p>C. <math>45^\circ</math></p> <p>D. <math>180^\circ</math></p>
19	An ideal current source shall have resistance	<p>A. Zero</p> <p>B. Finite but not zero</p> <p>C. Infinite</p> <p>D. Depend upon requirement</p>
20	The Grid 'G' in cathode ray oscilloscope.	<p>A. Accelerate as well as focus electron beam</p> <p>B. Control no. of electrons beam</p> <p>C. Is at - Ve potential with respect to cathode.</p> <p>D. Both d and b</p>